

ORDINANCE NO. 45-990

AN ORDINANCE AMENDING SECTION 22.04.036.11 AND REPEALING ORIGINAL OF SAID AMENDED SECTION; AND CREATING SECTIONS 22.04.036.14(a), AND 22.04.036.16; ALL IN THE CODE OF THE CITY OF WICHITA, KANSAS, AND PERTAINING TO THE MECHANICAL CODES OF THE CITY OF WICHITA, KANSAS.

BE IT ORDAINED BY THE GOVENING BODY OF THE CITY OF WICHITA, KANSAS:

**SECTION 1.** Section 22.04.036.11 of the Code of the City of Wichita, is hereby amended to read as follows:

“Section 403.3 of the 2000 Edition of the International Mechanical Code, as adopted by reference herein, shall be amended to read as follows:

**403.3 Ventilation rate.** Ventilation systems shall be designed to have the capacity to supply the minimum outflow airflow rate determined in accordance with Table 403.3 based on the occupancy of the space and the occupant load or other parameters that may override and require additional ventilation. The occupant load utilized for design of the ventilation system shall not be less than the number determined from the estimated maximum occupant load rate indicated in Table 403.3. Ventilation rates for occupancies not represented in Table 403.3 shall be determined by an approved engineering analysis. The ventilation system shall be designed to supply the required rate of ventilation air continuously during the period the building is occupied, except as otherwise stated in other provisions of the code:

Exceptions:

1. The occupant load is not required to be determined, based on the estimated maximum occupant load rate indicated in Table 403.3 where approved engineering analyses documents the accuracy of an alternate anticipated occupant density.

2. When variable occupant density is anticipated and other parameters do not control, “demand oriented ventilation” may be provided, where the amount of ventilation air is directly controlled by monitoring indoor CO<sub>2</sub> levels and maintaining a CO<sub>2</sub> concentration of less than 700 ppm above the outdoor air concentration.

3. When contaminants are associated only with occupants or their activities and the occupant load varies, the occupancy load may be determined as follows. When peak occupancies of less than three hours duration occur, the outdoor air flow rate may be determined on the basis of average occupancy for the building, or space, for the duration of operation of the system, i.e., the number of hours of operation for a 24-hour period, provided the average occupancy used is not less than one-half the maximum.

4. The ventilation requirements for one and two family dwellings as stated in Table 403.3 under the Private dwellings, single and multiple occupancy classification, may be satisfied by conformance with the prescriptive requirements of Section R303.1 (amended) of the IRC, 2000 edition.

**SECTION 2.** Section 22.04.036.14(a) of the Code of the City of Wichita, is hereby created to read as follows:

“Section 501.3 of the 2000 Edition of the International Mechanical Code, as adopted by reference herein, shall be amended to read as follows:

**501.3 Outdoor discharge.** The air removed by every mechanical exhaust system shall be discharged outdoors at a point where it will not cause a nuisance and from which it cannot again be readily drawn in by a ventilating system. Air shall not be exhausted into an attic or crawl space.

**Exceptions:**

1. Whole-house ventilation-type attic fans that discharge into the attic space of dwelling units having private attics shall not be prohibited.
2. Exhaust from bathrooms, water closet compartments and other similar rooms of one and two-family dwellings shall be permitted to be discharged into attic space as per R303.3 (Amended) of the IRC, 2000 ed.

**SECTION 3.** Section 22.04.036.16 of the Code of the City of Wichita, is hereby created to read as follows:

“Section 504.6.1 of the 2000 Edition of the International Mechanical Code, as adopted by reference herein, shall be amended to read as follows:

**504.6.1 Maximum length.** The maximum length of a clothes dryer exhaust duct shall not exceed 25 ft. (7620 mm) total developed length for rigid metal duct and 20 ft. (6096 mm) for metal flex duct, including four (4) 90-degree bends and excluding transition duct. The initial 90-degree inlet connection shall not be included as one of the four allowed 90-degree bends. The maximum developed length of the duct shall be reduced 2.5 ft. (762 mm) for each additional 45-degree (.079 rad) bend and 5 feet (1524 mm) for each 90-degree (1.6 rad) bend beyond the four (4) allowed 90-degree bends.

**SECTION 4.** The original of Section 22.04.36.11 of the Code of the City of Wichita is hereby repealed.

**SECTION 5.** This ordinance shall be included in the Code of the City of Wichita, Kansas, and shall be published once in the official paper and become effective upon its publication.

ADOPTED at Wichita, Kansas February 10, 2004.

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Carlos Mayans, Mayor

ATTEST:

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Karen Schofield, City Clerk

Approved as to Form:

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Gary E. Rebenstorf, Director of Law